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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/651,244	08/30/2000	YUKIO HANYU	684.3060	1386

5514 7590 06/18/2002

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NEW YORK, NY 10112

EXAMINER

KILLOS, PAUL J

ART UNIT	PAPER NUMBER
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1625

DATE MAILED: 06/18/2002

9

Please find below and/or attached an Office communication concerning this application or proceeding.



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DATE MAILED:

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

- ☐ This application has been examined ☐ Responsive to communication filed on 13 Mar 2002 ☐ This action is made final.

A shortened statutory period for response to this action is set to expire Three month(s), \_\_\_\_\_ days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited by Examiner, PTO-892.        | 2. <input type="checkbox"/> Notice of Draftsman's Patent Drawing Review, PTO-948. |
| 3. <input type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449.             | 4. <input type="checkbox"/> Notice of Informal Patent Application, PTO-152.       |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474. | 6. <input type="checkbox"/>   |

Part II SUMMARY OF ACTION

1. ☐ Claims 1-9 are pending in the application.  
Of the above, claims \_\_\_\_\_ are withdrawn from consideration.
2. ☐ Claims \_\_\_\_\_ have been cancelled.
3. ☐ Claims \_\_\_\_\_ are allowed.
4. ☐ Claims 1-9 are rejected.
5. ☐ Claims \_\_\_\_\_ are objected to.
6. ☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.
7. ☐ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
8. ☐ Formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on \_\_\_\_\_. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).
10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).
11. ☐ The proposed drawing correction, filed \_\_\_\_\_, has been ☐ approved; ☐ disapproved (see explanation).
12. ☐ Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_.
13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14. ☐ Other

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EXAMINER'S ACTION

This is in response to the communication filed 13 March 2002.

The claims are 1-10.

Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

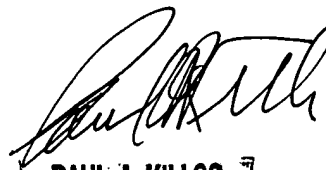
The claims are overly broad in that they fail to recite and specifically set forth the composition of the film. In actuality the only support in the specification is structural formula 5 on page 18 of the specification.

Applicants are correct. The rejection under 35 USC 102(b) in the previous office action should have been made under 35 USC 102(e). Accordingly claims 1-9 are rejected under 35 USC 102(e) as being anticipated by U.S. Pat. 6,294,229 filed 20 Aug. 1999. The reference is directed to the preparation of film by condensing liquid crystal polymers, which exhibit uniaxial properties. The liquid crystal is applied onto an orienting substrate. The reference teaches that the nematic orientation can be fixed. Example 2 of the reference is directed to crystalline film having homotropic orientation.

Any inquiry concerning this communication should be directed to Paul J Killos at telephone number 308-0135.

Killos/LR

May 23, 2002



PAUL J. KILLOS  
PRIMARY EXAMINER